

इंटरनेट

मानक

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“Step Out From the Old to the New”

IS 13984-2-2 (1994): link and test connectors, Part 2: Socket for conventional wiring, Section 2: Three-way socket link and test connector [LITD 3: Electromechanical Components and Mechanical Structures for Electronic Equipment]



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“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक

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भाग 2 परिचरिक्त तारस्थापन के लिये सॉकेट

अनुभाग 2 तीन तरफ सॉकेट संपर्क और परीक्षण संयोजक

Indian Standard

**LINK AND TEST CONNECTORS —
SPECIFICATION**

PART 2 SOCKET FOR CONVENTIONAL WIRING

Section 2 Three-Way Socket Link and Test Connector

UDC 621.316.541.029.42/53 : 621.38.038

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FOREWORD

This Indian Standard (Part 2/Sec 2) was adopted by the Bureau of Indian Standards, after the draft finalized by the Connectors for Electronic Equipment Sectional Committee had been approved by the Electronics and Telecommunication Division Council.

This standard shall be read in conjunction with IS 13984 (Part 1) : 1994 Link and test connectors — Specification : Part 1 Test schedule and requirements.

While preparing this standard, assistance has been derived from IEC Pub 130-12 (1976) 'Connectors for frequencies below 3 MHz : Part 12 Link and test connectors' issued by the International Electrotechnical Commission. The connectors covered in this standard are equivalent to 130-12 IEC-SO2.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Indian Standard***LINK AND TEST CONNECTORS —
SPECIFICATION****PART 2 SOCKET FOR CONVENTIONAL WIRING****Section 2 Three-Way Socket Link and Test Connector****1 SCOPE**

This Indian Standard (Part 2/Sec 2) lays down outline dimensions of three-way socket link and test connector for conventional wiring.

2 REFERENCES

The following Indian Standard has been referred to in this standard:

<i>IS No.</i>	<i>Title</i>
IS 13984 (Part 1) : 1994	Link and test connectors — Specification : Part 1 Test schedule and requirements

3 MATERIALS AND WORKMANSHIP

See 4 of IS 13984 (Part 1) : 1994.

4 TYPE DESIGNATION

The type designation according to 5 of IS 13984 (Part 1) : 1994 for this type of connector is as given below:

13984 IS-SO2

5 OUTLINE AND DIMENSIONS

The outline and dimensions shall be according to Fig. 1 and Table 1.

6 GAUGES

See 7 of IS 13984 (Part 1) : 1994.

7 RATED VALUES

Rated Voltage : 250 Vrms (not for mains)

Rated Current : 8 A

8 CLIMATIC CATEGORIES

Climatic category : 40/70/21

Temperature range : - 40°C to + 70°C

Damp heat, steady state : 21 days

Severity : H12 (number of cycles = 2 and Number of days = 21)

9 TESTS

Provisions of 10 of IS 13984 (Part 1) : 1994 shall be applicable.

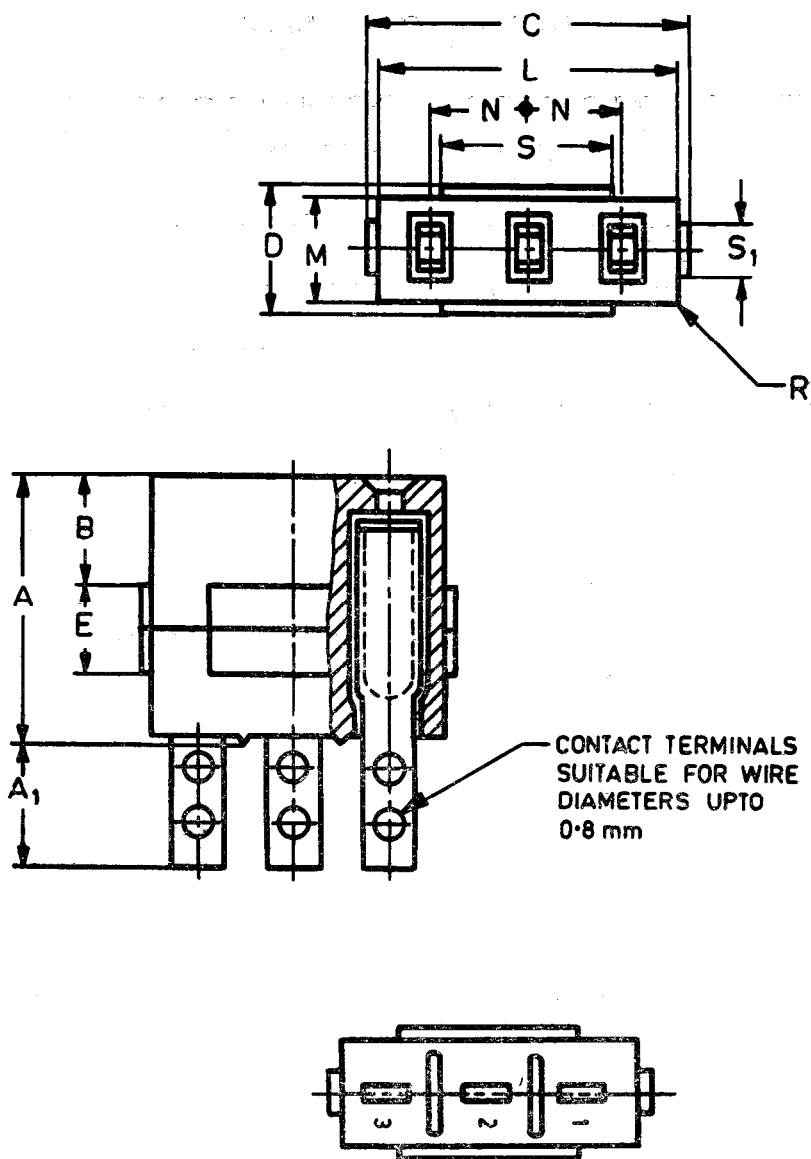


FIG. 1 OUTLINE AND DIMENSIONS

Table 1 Sockets [Type 13984 (Part 1) : 1994 IS-SO2]

Reference	mm	
	Max	Min
A	10.3	—
A ₁	5.4	—
B	4.5	4.2
C	12.6	12.45
D	5.05	4.9
E	3.4	3.2
L	11.8	11.65
M	4.2	4.05
N	3.88	3.74
R	—	0.4
S	7.1	—
S ₁	1.8	—

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